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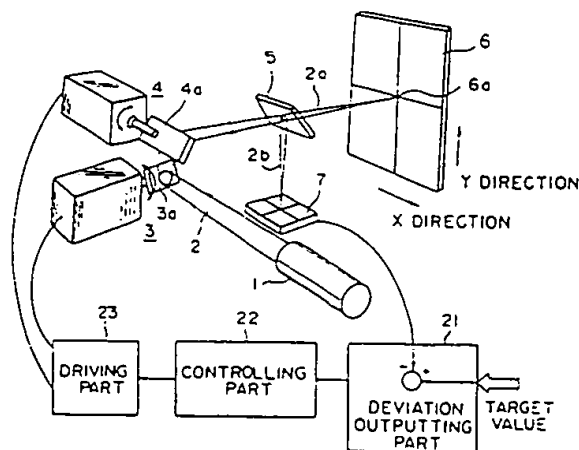
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⑤4 Beam scanning apparatus and apparatus for writing image information.

57) A beam scanning apparatus for scanning light beam on a scanning surface, has a deflector, a scanning mechanism, a detector and a controller. The deflector deflects the light beam so as to guide it to the scanning surface. The scanning mechanism functions to change at least one of a deflection angle and a deflection position of the deflector so that the light beam is scanned on the scanning surface. The detector detects the scanning state of the light beam by the scanning mechanism on the scanning surface by receiving the light beam from the deflector. The controller corrects at least one of the deflection angle and the deflection position of the deflector on the basis of the detection result of the detector.

FIG. 2



EP 0 420 198 A3



DOCUMENTS CONSIDERED TO BE RELEVANT

| Category   | Citation of document with indication, where appropriate,<br>of relevant passages  | Relevant<br>to claim  | CLASSIFICATION OF THE<br>APPLICATION (Int. Cl.5) |
|--|---|---|--|
| Y  | DE-A-3 722 085 (HITACHI)<br>" the whole document " "<br>- - - -   | 1-12,<br>14-20  | H 04 N 1/04<br>H 04 N 1/10                       |
| Y  | US-A-4 829 339 (SILHOUETTE TECHNOLOGY)<br>" column 9, line 40 - column 10, line 2 " "<br>- - - -  | 1-12,<br>14-20  |  |
| A  | PATENT ABSTRACTS OF JAPAN vol. 13, no. 322<br>(P-902)(3670) 20 July 1989<br>& JP-A-1 090 417 ( IDEMITSU KOSAN ) 6 April 1989<br>" abstract " "<br>- - - - | 11-13   |  |
| A  | AU-A-551 136 (EOCOM CORPORATION)<br>" page 6, line 10 - page 7, line 28 " "<br>- - - - -  | 1-20  |  |
| The present search report has been drawn up for all claims                         |   |   | TECHNICAL FIELDS<br>SEARCHED (Int. Cl.5)         |
|  |   |   | H 04 N   |
| Place of search  |   | Date of completion of search  | Examiner   |
| The Hague  |   | 04 February 92  | GREVE M.P.                                       |
| CATEGORY OF CITED DOCUMENTS  |   |   |  |
| X: particularly relevant if taken alone  |   | E: earlier patent document, but published on, or after<br>the filing date |  |
| Y: particularly relevant if combined with another<br>document of the same category |   | D: document cited in the application                                      |  |
| A: technological background  |   | L: document cited for other reasons                                       |  |
| O: non-written disclosure  |   | &: member of the same patent family, corresponding<br>document            |  |
| P: intermediate document   |   |   |  |
| T: theory or principle underlying the invention                                    |   |   |  |